

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100319\
 Data File : VU034915.D
 Acq On : 03 Oct 2019 13:09
 Operator : JC/SP
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20031

Quant Time: Oct 04 05:12:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 05:07:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	429682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	429668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	223153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	703779	212.94	ug/L	0.00
7) Chloroethane-d5	1.66	69	503670	182.68	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.25	63	1239748	210.82	ug/L	0.00
21) 2-Butanone-d5	4.14	46	1118333	511.75	ug/L	0.00
24) Chloroform-d	4.62	84	1166546	210.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	758564	211.30	ug/L	0.00
32) Benzene-d6	5.32	84	2375431	215.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	782878	220.65	ug/L	0.00
41) Toluene-d8	7.54	98	2276824	220.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	401594	234.54	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	879277	542.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	1183230	223.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	894681	216.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	759993	181.068	ug/L	100
3) Chloromethane	1.32	50	843574	199.013	ug/L	100
5) Vinyl chloride	1.40	62	807685	170.690	ug/L	99
6) Bromomethane	1.60	94	489845	166.185	ug/L	98
8) Chloroethane	1.68	64	454021	160.535	ug/L	99
9) Trichlorofluoromethane	1.87	101	930574	152.865	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	525013	182.570	ug/L	99
12) 1,1-Dichloroethene	2.26	96	519137	184.255	ug/L	90
13) Acetone	2.31	43	998395	381.437	ug/L	99
14) Carbon disulfide	2.46	76	1714779	195.494	ug/L	99
15) Methyl Acetate	2.59	43	774514	221.520	ug/L	100
16) Methylene chloride	2.68	84	627920	190.789	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	576326	193.964	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	1925266	206.870	ug/L	100
19) 1,1-Dichloroethane	3.42	63	1143536	198.420	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	657458	196.251	ug/L	99
22) 2-Butanone	4.23	43	1290969	439.769	ug/L	97
23) Bromochloromethane	4.52	128	325353	190.305	ug/L	98
25) Chloroform	4.65	83	1137029	186.676	ug/L	98
27) 1,2-Dichloroethane	5.38	62	931295	196.659	ug/L	100
29) Cyclohexane	4.97	56	1067184	219.086	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	954059	188.129	ug/L	99
31) Carbon tetrachloride	5.11	117	841865	190.305	ug/L	99
33) Benzene	5.36	78	2495465	194.335	ug/L	100
34) Trichloroethene	6.16	95	643756	192.743	ug/L	99
35) Methylcyclohexane	6.39	83	1061395	206.517	ug/L	99
37) 1,2-Dichloropropane	6.41	63	700471	200.562	ug/L	100
38) Bromodichloromethane	6.73	83	875199	197.256	ug/L	98
39) cis-1,3-Dichloropropene	7.24	75	1154673	214.007	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	2359943	488.093	ug/L	100

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42) Toluene	7.61	91	2768042	200.977	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	1044515	217.793	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	628408	192.870	ug/L	98
46) Tetrachloroethene	8.20	164	506041	195.692	ug/L	100
48) 2-Hexanone	8.34	43	1928809	492.090	ug/L	96
49) Dibromochloromethane	8.45	129	727431	200.845	ug/L	99
50) 1,2-Dibromoethane	8.56	107	703157	198.268	ug/L	100
51) Chlorobenzene	9.10	112	1776574	198.560	ug/L	99
52) Ethylbenzene	9.23	91	3174702	214.681	ug/L	99
53) m,p-Xylene	9.35	106	1178571	211.300	ug/L	100
54) o-xylene	9.76	106	1174834	212.423	ug/L	98
55) Styrene	9.77	104	2034061	217.751	ug/L	99
56) Isopropylbenzene	10.14	105	3086916	216.244	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	1197934	208.241	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	952302	209.954	ug/L	100
61) Bromoform	9.94	173	578987	208.076	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	1408141	200.840	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	1393354	191.996	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	1385247	193.586	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.63	75	275432	202.551	ug/L	96
67) 1,3,5-Trichlorobenzene	12.86	180	1012614	202.346	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	917022	214.512	ug/L	100
69) Naphthalene	13.72	128	2974833	220.340	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	883913	191.025	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

